



MAUI COUNTY ENERGY EXPO 2007

"Green Power, Green Future"

November 7 - 9, 2007
Grand Wailea Resort Hotel & Spa, Maui



WEDNESDAY, November 7

Half-Day (times variable)

Pre-Conference Renewable Energy Tour *(Additional Fee)*

Kaheawa Wind Farm

Hawaii largest wind farm with installed capacity of 30 Megawatts

Maui Electric High-Efficiency Combustion Turbine

Learn how waste heat of combustion is converted to electricity

HC&S Biomass and Micro-Hydroelectric Plant

Find out first-hand about the oldest renewable energy plant in Hawaii

Pacific Biodiesel

Understand how waste cooking oil is turned into renewable fuel

Hawaii PV Coalition

Find out how residents and businesses are powering their homes and buildings

THURSDAY, November 8

7:00 AM

Registration Open

7:00 AM - 8:00 AM

Breakfast (Haleakala Ballroom Lanai)

8:15 AM – 10:00 AM

OPENING SESSION (Haleakala Ballroom)

Ron Vaught – Master of Ceremonies

- Blessing
- Introduction – Maui County Office of Economic Development and Maui Economic Development Board
- Welcoming Remarks – The Honorable Council Chair Riki Hokama
- Opening Remarks – The Honorable Mayor Charmaine Tavares
- Keynote Address – *Renewable Energy, Sustainability and the Hawaiian Culture*
Ramsay Taum, Director of External Relations & Community Partnerships, UH School of Travel Industry and Management

10:00 AM – 10:15 AM

Networking Break

10:15 AM - 12:00 PM

Education and Career Pathways in Renewable Energy

Moderator: Leslie Wilkins, Vice-President, MEDB

- *Transitioning of Local Educational and Career Opportunities in Renewable Energy*
Clyde Sakamoto, Ph.D., Chancellor, Maui Community College
- *Insights into a Successful Community Renewable Energy Project*
Rick Rutiz, Hana High School
- *Integrating Project EAST Curriculum and Renewable Energy Education*
Leslie Wilkins, Vice-President, Maui Economic Development Board
- *The Making of Maui's First Electric Car Project* *(QuickTime Movie)*
Martin Emde, Seabury Hall
- Q & A

12:00 PM – 1:00 PM	Lunch & Exhibits (Haleakala Ballroom Lanai)
1:00 PM – 2:45 PM	<p>Understanding Climate Change Moderator: William Parks, Jr. U.S. Department of Energy</p> <ul style="list-style-type: none"> ■ <i>What Rising Sea Levels Mean to Hawaii's Shorelines and Aquifers</i> (<i>QuickTime Movie</i>) Zoe Norcross-Nu'u, Coastal Geologist, U. H. Sea Grant College Program ■ <i>Hawaii's Greenhouse Gas Inventory and Target Reduction</i> Estrella Seese, Energy Economist, Energy Planning and Policy Branch, Hawaii DBEDT ■ <i>Renewable Energy and the Environment</i> Lance Holter, President and Director, Sierra Club Maui and Maui Tomorrow ■ <i>LEED and Reducing Carbon Footprints Through Livable Home and Workable Building Designs</i> Charles Kaneshiro, AIA, LEED, Principal, Group 70 International ■ Q & A
2:45 PM – 3:00 PM	Networking Break and Visit Exhibits
3:00 PM – 4:30 PM	<p>Renewable Energy Supply in Maui County Moderator: Jeanne Skog, President, MEDB</p> <ul style="list-style-type: none"> ■ <i>Hawaii's Largest Wind Energy Project in Maui</i> Mike Gresham, Vice-President, UPC Hawaii Wind Partners ■ <i>Hydro Facilities in Maui County</i> H. Ray Starling, Managing Principal, Hawaii Energy Group, LLC ■ <i>Pioneering the Recycling of Restaurant Oil for Transportation Fuel</i> Kelly T. King, Marketing and Communications Director, Pacific Biodiesel ■ <i>Sugar and its Relationship with Renewable Energy</i> Lee Jakeway, Director of Energy Development & Planning, Hawaiian Commercial & Sugar Co. ■ Q & A
FRIDAY, November 9	
7:00 AM	Registration Open
7:00 AM - 8:00 AM	Breakfast (Haleakala Ballroom Lanai)
8:00 AM – 10:00 AM	<p>Meeting Hawaii's Renewable Portfolio Standard Moderator: Mark Sheehan, Owner, Landmark Maui Properties, Inc.</p> <ul style="list-style-type: none"> ■ <i>The Role of Regulatory Process in Advancing Renewable Energy</i> John E. Cole, Commissioner, Hawaii Public Utility Commission ■ <i>Enabling and Sustaining Renewable Energy in Maui County</i> Ed Reinhardt, President, Maui Electric Company, Limited ■ <i>Making Solar Photovoltaic Development Possible for Island Economies</i> Timothy A. Hill, Executive Vice President, Castle & Cooke Lanai ■ <i>Biodiesel for Power Generation</i> Landis Maez, President, BlueEarth Biofuels LLC ■ <i>Renewable Energy Outside of Important Ag Lands</i> Warren Watanabe, President, Maui County Farm Bureau ■ Q & A
10:00 AM – 10:15 AM	Networking Break
10:15 AM - 12:00 PM	<p>The Public as a Partner in Sustaining Renewable Energy Moderator: Michael Molina, Council Member, Maui County Council</p> <ul style="list-style-type: none"> ■ <i>Energy Conservation and Efficiency - No Need to Wait</i> Miles Kubo, President & COO, Energy Industries

- ***What it Means to be Living off the Grid***
Franklin Russell, President, Smart Roof Systems
- ***Advanced Solar PV Design***
Dan O'Connell, President & CEO, Hnu Solar
- ***Making Small-Scale Wind Power Systems Work in Maui County***
Leo Caires, President, Maui Energy
- ***Funding for Rural Energy Efficiency and Renewable Energy Projects***
Tim O'Connell, Assistant to the State Director, USDA/Rural Development
- Q & A

12:00 PM – 1:00 PM

Lunch (Haleakala Ballroom Lanai)

1:00 PM – 3:00 PM

Maximizing the Potential for Renewable Energy in Maui County

Moderator: Tom Blackburn-Rodriguez, President, Na Hale O Maui

- ***Potential Oilseed Crops for Maui County and Hawaii***
Brian P. Turano, Ph.D., Assistant Specialist- Bioenergy, UH College of Tropical Agriculture and Human Resources
- ***Waste to Energy- Maui's Untapped Asset***
John R. Martin, P.E., President, Pacific Energy Systems
- ***Potential for Geothermal Energy in Maui County***
Michael L. Kaleikini, Plant Manager, Puna Geothermal Venture
- ***Promoting Small-Scale Photovoltaic System Installations in Maui County***
Brad Albert, President, Hawaii PV Coalition
- ***Possibilities for Wave and Ocean Energy in Maui County (How it works) (Shop Tour)***
Peter Kalish, Ph.D., CEO, Wave Energy Desalination International and Senior Adviser, Oceanlinx Limited
- ***Plug-in Hybrids and their Role in Advancing Hawaii's Energy and Transportation System***
Thomas Quinn, Hawaii Center for Advanced Transportation Technologies
- Q & A

3:00 PM – 3:30 PM

Closing

- Short Words – *Youth's Perspective*
Student Guest
- Closing Remarks – *Making Maui a Test-bed for Advanced Renewable Energy Technologies*
William Parks, Jr., Deputy Assistant Secretary, Research and Development, Office of Electricity Delivery and Energy Reliability, U. S Department of Energy, Serving as Principal Engineer and Senior Advisor, Strategic Industries Division, DBEDT, State of Hawaii
- Closing Message – *The Challenge of Renewable Energy in Maui County*
The Honorable Charmaine Tavares, Mayor, County of Maui

The MAUI COUNTY ENERGY EXPO 2007
Presented by the County's Office of Economic Development
in partnership with the Maui Economic Development Board.